

Checked Exceptions	
Exception	Meaning
ArithmeticException	Arithmetic error, such as divide-by-zero
ArrayIndexOutOfBoundsException	Array index is out-of-bounds
ArrayStoreException	Assignment to an array element of an incompatible type.
ClassCastException	Invalid cast
EnumConstantNotPresentException	An attempt is made to use an undefined enumeration
IllegalArgumentException	Illegal argument used to invoke a method
IllegalCallerException	A method cannot be legally executed by the calling code (Java 9)
IllegalMonitorException	Illegal monitor operation, such as waiting on an unlocked thread
IllegalStateException	Environment or application is in incorrect state
IllegalThreadException	Requested operation not compatible with current thread state
IndexOutOfBoundsException	Some type of index is out-of-bounds
LayerInstantiationException	A module layer cannot be created. (Java 9)
NegativeArraySizeException	Array created with a negative size
NullPointerException	Invalid use of a null reference
NumberFormatException	Invalid conversion of a string to a numeric format
SecurityException	Attempt to violate security
StringIndexOutOfBoundsException	Attempt of index outside the bounds of a string
TypeNotPresentException	Type not found
UnsupportedOperationException	An unsupported operation was encountered

Unchecked Exceptions	
Exception	Meaning
ClassNotFoundException	Class not found
CloneNotSupportedException	Attempt to clone an object that does not implement the Cloneable interface
IllegalAccessException	Access to a class is denied
InstantiationException	Attempt to create an object of an abstract class or interface
InterruptedException	One thread has been interrupted by another thread
NoSuchFieldException	A requested field does not exist
NoSuchMethodException	A requested method does not exist
ReflectiveOperationException	Superclass of reflection-related exception